

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	0	(combustion chamber) and (cooled access) and "60".clas.	US-PGPUB; USPAT	ADJ	ON	2007/09/13 08:39
S3	3	(combustion chamber) and (cool\$3 access) and "60".clas.	US-PGPUB; USPAT	ADJ	ON	2007/09/13 08:46
S4	46	(combustion chamber) and cool and 60/755.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/17 07:35
S5	1	("6415724").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/13 08:51
S6	1	("5624256").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/13 08:51
S7	1	("5333443").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/13 08:51
S8	1	("4480436").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/13 08:51
S9	62	(combustion chamber) and cool and 60/755,722.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/13 08:58
S10	1	(combustion chamber) and manhole cover and 60/755,722.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/17 13:06
S11	0	((combustion chamber) and manhole cover and 60/755,722.ccls. ) same hall thruster	US-PGPUB; USPAT	ADJ	ON	2007/09/13 09:16
S12	0	((combustion chamber) or manhole cover and 60/755,722.ccls.) same hall thruster	US-PGPUB; USPAT	ADJ	ON	2007/09/13 10:26
S13	0	((combustion chamber) or manhole cover and "60".clas.) same hall thruster	US-PGPUB; USPAT	ADJ	ON	2007/09/13 10:26
S14	0	(combustion chamber) and manhole cover and "60"/\$.ccls	US-PGPUB; USPAT	ADJ	ON	2007/09/17 10:57
S15	1	(combustion chamber) and manhole cover and "60"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/13 10:27
S16	134	(combustion chamber) and 60/755, 722.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/13 10:27
S17	20	(combustion chamber) and access and 60/755,722.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/13 15:40
S18	2	("4139975"   "4157001").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 16:43
S19	9	("5624256").URPN.	USPAT	ADJ	ON	2007/09/13 16:46

## EAST Search History

S20	21	("2268464"   "2544538"   "2553393"   "2617255"   "2859934"   "2919549"   "3159944"   "3349558"   "3542483"   "3595710"   "3716357").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 16:54
S21	4	("3716357").URPN.	USPAT	ADJ	ON	2007/09/13 16:54
S22	20	("4480436").URPN.	USPAT	ADJ	ON	2007/09/13 16:54
S23	0	peter tiemann.in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/17 07:36
S24	800	tiemann.in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/17 07:36
S25	0	("2005/0097894").URPN.	USPAT	ADJ	ON	2007/09/17 09:31
S26	0	(combustion chamber) and entry and "60"/\$.ccls	US-PGPUB; USPAT	ADJ	ON	2007/09/17 11:40
S27	0	(combustion chamber) and door and "60"/\$.ccls	US-PGPUB; USPAT	ADJ	ON	2007/09/17 10:58
S28	0	(combustion chamber) and panel and "60"/\$.ccls	US-PGPUB; USPAT	ADJ	ON	2007/09/17 10:58
S29	0	(combustion chamber) and access and "60"/\$.ccls	US-PGPUB; USPAT	ADJ	ON	2007/09/17 10:58
S30	0	(combustion chamber) and maintenance and "60"/\$.ccls	US-PGPUB; USPAT	ADJ	ON	2007/09/17 11:24
S31	0	(combustion chamber) and open and "60"/\$.ccls	US-PGPUB; USPAT	ADJ	ON	2007/09/17 11:35
S32	0	(combustion chamber) and opening and "60"/\$.ccls	US-PGPUB; USPAT	ADJ	ON	2007/09/17 11:24
S33	0	(combustion chamber) and cover and "60"/\$.ccls	US-PGPUB; USPAT	ADJ	ON	2007/09/17 11:40
S34	0	(combustion chamber) and cover and "60"/\$.ccls	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/17 12:56
S35	1	"2948276".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/17 12:56
S36	736	boilers and cover and "60"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/17 13:14
S37	219	boilers and cover and "237"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/17 13:14
S38	78	boilers and door and "237"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/17 13:14
S39	1	combustion chamber and 110/180. ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/17 16:30

## EAST Search History

S40	3137	combustion chamber and "110"/\$. ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/17 16:30
S42	547	combustion chamber and entry and "110"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/17 16:30
S43	808	combustion chamber and cover and "110"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/17 16:30
S44	308	combustion chamber and door and cooling and "110"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/17 16:31
S45	699	combustion chamber and door and "110"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/18 07:38
S46	628	combustion chamber and door and temperature and "110"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/18 07:38
S47	373	combustion chamber and door and high temperature and "110"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/18 07:38
S48	226	combustion chamber same door and high temperature and "110"/\$. ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/18 07:38
S49	36	combustion chamber same door same high temperature and "110"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/18 07:51
S50	15	combustion chamber same door same high temperature and "110"/\$.ccls. and cooling	US-PGPUB; USPAT	ADJ	ON	2007/09/18 07:38
S51	54	combustion chamber and 110/237. ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/18 12:21
S52	2	combustion chamber same door same high temperature and 110/237.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/18 07:53
S53	0	high temperature same door same cool? and 110/237.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/18 12:22
S54	0	high temperature same door same cool and 110/237.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/18 12:22
S55	0	high temperature same door same fluid and 110/237.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/18 12:22
S56	5	high temperature and door and fluid and 110/237.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/18 12:22

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	154064	Combustion near2 chamber	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:47
S2	4676604	Door or manhole or entry or man\$1hole or access\$2 or open or (man adj hole)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:45
S3	53467	(Cool\$3 or chill\$4) near7 S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:46
S4	39992	Cooling near2 chamber	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:39
S5	126	S1 same S3 same S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:40
S6	299	S3 near10 S1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:41
S7	73	S6 same S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:41
S8	30	S5.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:41
S9	2483906	Door or manhole or entry or man\$1hole or access\$2 or (man adj hole)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:06

## EAST Search History

S10	19613	(Cool\$3 or chill\$4) near7 S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:07
S11	52	S1 same S10 same S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:55
S12	286	S1 same S10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:57
S13	98	S12 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:57
S14	46	S13 not S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:57
S15	608140	Door or manhole or man\$1hole or (man adj hole)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:08
S16	8354	(Cool\$3 or chill\$4) near7 S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:07
S17	80	S16 same S1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:07
S18	10	S17 same S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:08
S19	0	S18 not S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:08

## EAST Search History

S20	28	S17 and ("60"/\$.ccls. or "110"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/09/20 15:10
S21	52	S17 not S11	US-PGPUB; USPAT	OR	ON	2007/09/20 15:10
S22	25	S21 and ("60"/\$.ccls. or "110"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/09/20 15:10